

Title (en)
HIGH-PRESSURE CLEANING APPARATUS.

Title (de)
HOCHDRUCKREINIGUNGSGERÄT.

Title (fr)
APPAREIL DE NETTOYAGE HAUTE PRESSION.

Publication
EP 0444031 B1 19940105 (DE)

Application
EP 89906084 A 19890523

Priority
DE 3817641 A 19880525

Abstract (en)
[origin: WO8911345A1] High-pressure cleaning apparatus with a jetting pump (2) for a cleaning liquid, which is connected on the suction side to a presettling tank (4) with a feeder pipe for delivering the cleaning liquid, and which has on the pressure pipe a bypass-pipe (7), leading from the pressure pipe to the presettling tank, and with an electromotor (1) that drives the jetting pump (2) and includes a cooling-liquid pipe (11), through which the cleaning liquid flows. Effective cooling of the electromotor (1) of said high-pressure cleaning apparatus is achieved even in the recirculation mode, without loss of cooling liquid, through the fact that the feeder pipe (13) into the jetting pump has a greater conveying capacity than the cooling-liquid pipe (11), the latter leading into the presettling tank (4), which includes filling-height limitation means (15, 16, 17).

IPC 1-7
B08B 3/02; **B05B 9/04**

IPC 8 full level
B05B 9/00 (2006.01); **B05B 9/04** (2006.01); **B08B 3/00** (2006.01); **B08B 3/02** (2006.01)

CPC (source: EP US)
B05B 9/002 (2013.01 - EP US); **B05B 9/0423** (2013.01 - EP US); **B08B 3/00** (2013.01 - EP US); **B08B 3/026** (2013.01 - EP US); **B08B 2203/007** (2013.01 - EP US); **B08B 2203/0205** (2013.01 - EP US); **B08B 2203/0223** (2013.01 - EP US); **B08B 2203/0235** (2013.01 - EP US); **B08B 2203/027** (2013.01 - EP US)

Cited by
US8823487B2; US9016291B2; WO2024028034A1

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8911345 A1 19891130; DE 3817641 A1 19891130; DE 3817641 C2 19910207; DK 279190 A 19901123; DK 279190 D0 19901123; EP 0444031 A1 19910904; EP 0444031 B1 19940105; US 5174730 A 19921229

DOCDB simple family (application)
EP 8900564 W 19890523; DE 3817641 A 19880525; DK 279190 A 19901123; EP 89906084 A 19890523; US 61352590 A 19901108